

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)

 ATTY. DOCKET NO.
52292-023

 SERIAL NO.
09/731,048
RECEIVED

APPLICANT

Michael Paul WOLF, et al.**MAR 14 2001**

FILING DATE

December 07, 2000

GROUP

3613**TO 3600 MAIL ROOM****U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>mu</i>	6,014,934	01/18/00	Pierson	105	26.05	11/04/98
	5,555,815	09/17/96	Young et al.	104	296	10/13/94
	5,251,856	10/12/93	Young et al.	246	4	02/11/92
	5,441,223	08/15/95	Young et al.	246	4	10/08/93
	5,749,547	05/12/98	Young et al.	246	4	08/11/95
	4,914,431	04/03/90	Severson et al.	340	825.690	04/13/87
	5,184,048	02/02/93	Severson et al.	318	280	02/14/90
	5,267,318	11/30/93	Severson et al.	381	51	09/26/90
	5,394,068	02/28/95	Severson et al.	318	280	02/02/93

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
<i>mu</i>	1,436,814	05/26/76	London, England				
	2738820	03/15/79	Germany			X Abstract	
	2361538 ✓	06/12/75	Germany			X Abstract	
	7801499-0	09/10/79	Sweden			X Abstract	
	2425427 ✓	12/04/75	Germany			X Abstract	
	3309662 A1 ✓	09/27/84	Germany			X	
	2,014,770 A	08/30/79	United Kingdom				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>mu</i>	"Is Astrac on the right track?", Linn H. Westcott, December 1963, pp. 10-11 and 33-37.
	"Lionel "E-Units", pp. 231-234.
	"Introducing the CTC-16: A 16-channel command control system you can build", Keith Gutierrez, Part 1, MODEL RAILROADER, December 1979, PP. 64-67.
	"The CTC-16: A command control system you can build", Keith Gutierrez, Part 2, MODEL RAILROADER, January 1980, pp. 86-93.
	CTC-16: A command control system you can build", Keith Gutierrez, Part 3, MODEL RAILROADER, February 1980, pp. 89-92.
	"The CTC-16: A command control system you can build", Keith Gutierrez, Part 4, MODEL RAILROADER, March 1980, pp. 89-93.

EXAMINER

DATE CONSIDERED

INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.
52292-023

SERIAL NO.
09/731,048

RECEIVED

APPLICANT

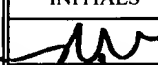
Michael Paul WOLF, et al.**MAR 14 2001**

FILING DATE

December 07, 2000

GROUP


3613**TO 3600 MAIL ROOM****U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,448,142	09/05/95	Severson et al.	318	280	09/27/93
	5,492,290	02/20/96	Quinn et al.	246	219	10/28/94
	5,590,856	01/07/97	Quinn et al.	246	219	06/07/95
	5,633,985	05/27/97	Severson et al.	395	2.76	05/31/95
	5,773,939	06/30/98	Severson et al.	318	51	06/07/95
	5,832,431	11/03/98	Severson et al.	704	258	11/30/93
	5,896,017	04/20/99	Severson et al.	312	280	06/07/95
	5,940,005	08/17/99	Severson et al.	340	825.52	05/15/95
	2,247,418	07/01/41	W.R. Smith	246	31	04/21/39
	2,882,834	04/21/59	W.R. Smith	104	150	05/03/56
	3,839,822	10/08/74	Rexford	46	232	05/23/73
	4,270,226	05/26/81	Weintraub et al.	455	353	03/19/79
	4,325,199	04/20/82	McEdwards	46	232	10/14/80
	4,481,661	11/06/84	Spector	381	61	09/21/82
	4,933,980	06/12/90	Thompson	381	61	05/01/89

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	"CTC-16: A command control system you can build", Keith Gutierrez, Part 5, MODEL RAILROADER, April 1980, pp. 71-77.
	"The CTC-16: Epilogue", Richard C. Kamm et al., MODEL RAILROADER, December 1980, pp. 132-136 (pp. 54-55 from March 1991).
	"Build the wireless throttle: 1", Keith Gutierrez, March 1983, MODEL RAILROADER, pp. 86-95.
	"Build the wirelss throttle: 2", Keith Gutierrez, April 1983, MODEL RAILROADER, PP. 68-75.

EXAMINER

DATE CONSIDERED

INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.
52292-023

SERIAL NO.
09/731,048

RECEIVED

APPLICANT
Michael Paul WOLF, et al.

MAR 14 2001

FILING DATE
December 07, 2000

GROUP
3613

TO 3600 MAIL ROOM

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>[Signature]</i>	4,964,837	10/23/90	Collier	446	409	02/16/89
	4,711,418	12/08/87	Aver, Jr. et al.	246	5	04/08/86
	4,723,737	02/09/88	Mimoun	246	2 S	10/17/85
	5,146,153	09/08/92	Luchaco et al.	323	324	11/01/89
	5,174,216	12/29/92	Miller et al.	104	296	03/13/91
	3,664,060	05/23/72	Longnecker	46	232	03/08/71
	4,247,107	01/27/81	Smith, III et al.	273	86 B	01/19/79
	5,024,626	06/18/91	Robbins et al.	446	409	02/01/91
	5,061,905	10/29/91	Truchsess	331	47	11/16/90
	5,088,955	02/18/92	Ishimoto	446	409	03/12/91
	4,572,996	02/25/86	Hanschke et al.	318	341	04/19/84
	2,221,963	11/19/40	N.L. Case et al.	104	151	06/10/37
	3,293,549	12/20/66	H.W. Patterson	325	64	09/23/63
	3,315,613	04/25/67	D. J. Leslie	104	151	07/22/63
	3,639,755	02/01/72	Wrege	246	187 B	01/02/70
	3,699,522	10/17/72	Haner, Jr.	340	171 R	09/20/66
	3,964,701	06/22/76	Kacerek	246	2 F	05/27/75

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

"Commercial Command Control Systems", Andy Sperandio, MODEL RAILROADER, November 1979, pp. 80-81.

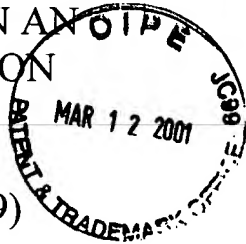
"μP-programmable speed controller for model railways", W. Pussel, elektor, July/August 1979, pp. 7-84 - 7-85.

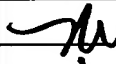

EXAMINER

DATE CONSIDERED

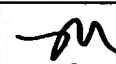


12/5/01


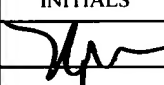

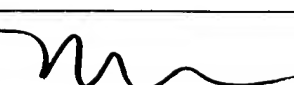
INFORMATION DISCLOSURE CITATION IN AN INFORMATION APPLICATION				ATTY. DOCKET NO. 52292-023		SERIAL NO. 09/731,048	
(PTO-1449)				APPLICANT Michael Paul WOLF, et al.		MAR 14 2001	
				FILING DATE December 07, 2000		GROUP 3613	



U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
 	3,994,237	11/30/76	Thomsen	104	149	10/06/75
	4,335,381	06/15/82	Palmer	340	825.21	08/14/79
	4,349,196	09/14/82	Smith, III et al.	273	1 GC	02/08/80
	4,390,877	06/28/83	Curran	340	825.72	07/31/80
	5,012,236	04/30/91	Troyk et al.	340	825.54	05/26/89
	3,555,270	01/12/71	E. Persson	246	194	04/22/68
	3,736,484	05/29/73	Reynolds et al.	318	587	09/27/71
	5,050,505	09/24/91	Konno	104	295	07/31/89
	5,085,148	02/04/92	Konno	104	130	05/17/90
	5,263,670	11/23/93	Colbaugh et al.	246	63 R	02/13/92
	2,606,281	08/05/52	L. R. Thomas et al.	246	29	03/03/48
	2,622,542	12/23/52	J. L. Bonanno	104	150	10/11/47
	2,830,148	04/08/58	J. F. Barger	200	87	06/01/54
	2,963,985	12/13/60	M. Palmer et al.	104	151	07/01/57

FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
 	"The Digital Model Train - Part 1", T. Wigmore, Elektor Electronics, February 1989, pp. 42-46.
	"The Digital Model Train - Part 2", T. Wigmore, Elektor Electronics, March 1989, pp. 50-53.
	"The Digital Model Train - Part 3", T. Wigmore, Elektor Electronics, April 1989, pp. 14-18.
	"The Digital Model Train - Part 4", T. Wigmore, Elektor Electronics, May 1989, pp. 16-17.
	"The Digital Model Train - Part 5", T. Wigmore, Elektor Electronics, July/August 1989, pp. 56-59.
	"The Digital Model Train - Part 6", T. Wigmore, Elektor Electronics, September 1989, pp. 44-47.
	"The Digital Model Train - Part 7", T. Wigmore, Elektor Electronics, October 1989, pp. 21-24.
EXAMINER	DATE CONSIDERED
	12/5/01

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 52292-023		SERIAL NO. 09/731,048	
				APPLICANT Michael Paul WOLF, et al.			
				FILING DATE December 07, 2000		GROUP 3613	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	3,220,356	11/30/65	D. J. Leslie	104	151	12/03/62	
	3,529,216	09/15/70	E. A. Kolm et al.	317	147	06/29/67	
	3,587,100	06/22/71	Sparta et al.	343	225	08/15/68	
	4,207,569	06/10/80	Meyer	343	6.5 R	08/14/78	
	3,810,099	05/07/74	Woods	340	171 R	10/26/72	
	4,334,221	06/08/82	Rosenhagen et al.	340	825.72	10/22/79	
	1,766,329	06/24/30	L. Caruso			07/20/26	
	1,887,988	11/15/32	Earl D. Boisselier			06/17/32	
	1,982,692	12/04/34	Donald H. Queeney	104	151	05/23/29	
	1,997,748	04/16/35	L. W. Rosenthal	104	151	11/30/32	
	2,013,947	09/10/35	E. D. Boisselier	104	151	03/9/34	
	2,077,163	04/13/37	W. T. Bailey	104	149	06/11/36	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	"The Digital Model Train - Part 8", T. Wigmore, Elektor Electronics, November 1989, pp. 32-36.						
	"The Digital Model Train Part 9: Keyboards", T. Wigmore, Elektor Electronics, December 1989, pp. 24-28.						
	"The Digital Model Train Part 10 - RS232 Interface", T. Wigmore, Elektor Electronics, January 1990, pp. 38-43.						
	"The Digital Model Train Part 11 - The Monitor Unit", T. Wigmore, Elektor Electronics, February 1990, pp. 53-55.						
	"The Digital Model Train Part 12 - Address Display", T. Wigmore, Elektor Electronics, March 1990, pp. 52-54.						
	"The Digital Model Train Concluding Part", T. Wigmore, Elektor Electronics, pp. 24-26.						
EXAMINER 				DATE CONSIDERED 12/5/01			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

ATTY. DOCKET NO.
52292-023

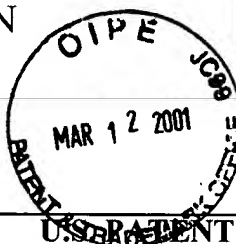
SERIAL NO.
09/731,048

APPLICANT
Michael Paul WOLF, et al.

FILING DATE
December 07, 2000

GROUP
3613

(PTO-1449)



U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>u</i>	2,257,473	09/30/41	E. E. McKeige et al.	104	150	04/15/38
	2,826,996	03/18/58	W. R. Smith	104	150	06/16/53
	2,830,148	04/08/58	J. F. Barger	200	87	06/01/54
	2,963,985	12/13/60	M. Palmer et al.	104	151	07/01/57
	3,211,111	10/12/65	W. J. Morley	104	149	08/24/60
	3,220,356	11/30/65	D. J. Leslie	104	151	12/03/62
	3,315,613	04/25/67	D. J. Leslie	104	151	07/22/63
	3,363,109	01/09/68	J. R. Wilhelm	307	12	01/23/63
	3,400,488	09/10/68	R. J. Phillpott et al.	46	244	04/04/66
	3,425,156	02/04/69	Harry W. Field	46	232	10/21/65
	3,553,450	01/05/71	Max Ernst	246	32	07/23/68
	3,587,100	06/22/71	Doremus et al.	343	225	08/15/68
	3,705,387	12/05/72	Stern et al.	340	171 A	01/11/71
	3,955,129	05/04/76	Wagner et al.	318	55	01/21/74
	3,964,701	06/22/76	Kacarek	246	2 F	05/27/75
	3,994,237	11/30/76	Thomsen	104	149	10/06/75
	4,010,409	03/01/77	Waites	318	587	07/31/73
	4,085,356	04/18/78	Meinema	318	331	12/08/75

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>u</i>	"Please Climb Aboard!", marklin Digital Ho, 1985/86 E, pp. 1-16.
	"Everything is Digital", marklin Digital, 1988/1989 E, pp. 1-8.
	"100 Years of Model Railroading", marklin, New Items 1991, pp. 1-32.
	"Everything operates digitally", marklin, 1990/91 E, pp. 1-15.

EXAMINER

DATE CONSIDERED

INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

(PTO-1449)



ATTY. DOCKET NO.
52292-023

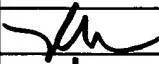
SERIAL NO.
09/731,048

APPLICANT
Michael Paul WOLF, et al.

FILING DATE
December 07, 2000

GROUP
3613


U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,204,200	05/20/80	Beyl, Jr.	340	384 E	10/11/78
	4,219,962	09/02/80	Dankman et al.	46	232	08/28/78
	4,334,221	06/08/82	Rosenhagen et al.	340	825.72	10/22/79
	4,335,381	06/15/82	Palmer	340	825.21	08/14/79
	4,349,196	09/14/82	Smith, III et al.	273	1 GC	02/08/80
	4,390,877	06/28/83	Curran	340	825.72	07/31/80
	4,572,996	02/25/86	Hanschke et al.	318	341	04/19/84
	4,620,280	10/28/86	Conklin	364	426	07/29/83
	4,747,351	05/31/88	Baret	104	297	12/18/85
	4,914,368	04/03/90	Orton	318	663	09/30/88
	4,929,949	05/29/90	Yamamoto et al.	341	176	04/22/88
	4,964,837	10/23/90	Collier	446	409	02/16/89
	5,045,016	09/03/91	Stern et al.	446	409	07/25/90
	5,085,148	02/04/92	Konno	104	130	05/17/90
	5,085,610	02/04/92	Engel et al.	446	175	05/16/91
	5,146,153	09/08/92	Luchaco et al.	323	324	11/01/89
	5,241,487	08/31/93	Bianco	364	569	10/03/90
	5,297,484	03/29/94	Piserchia et al.	105	1.5	07/03/91
	5,306,197	04/26/94	Watanabe	446	409	08/28/91
	5,061,905	10/29/91	Truchsess	331	47	11/16/90
	4,613,103	09/23/86	Waranowitz	246	473 A	09/28/82

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
	12/05/01

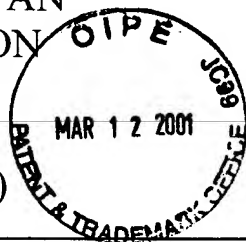
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

SERIAL NO.
09/731,048

APPLICANT
Michael Paul WOLF, et al.

FILING DATE	GROUP
December 07, 2000	3613

(PTO-1449)

[illegible]

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.